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Patent Claims

1. A circuit board or substrate for an electronic device, which comprises at least one active element component integrated in the substrate. **REPLACED BY ART 34 AMDT**
- 5 2. A circuit board or substrate for an electronic device, in which at least one active component such as a transistor, a diode, a photocell, an integrated circuit or the like is integrated together with at least one passive component such as an electrically
- 10 conductive line, a resistor, a coil and/or a capacitor.
3. The circuit board or substrate as claimed in one of the preceding claims, wherein the active components are based on organically conductive or semiconducting materials.
- 15 4. The circuit board or substrate as claimed in one of the preceding claims, in which a power supply, for example an energy transducer, a photovoltaic cell, a piezoceramic element, a coil for inductive coupling, a battery or the like is integrated.
- 20 5. The circuit board or substrate as claimed in one of the preceding claims, in which an input element and/or an output element is integrated.
6. The circuit board or substrate as claimed in one of the preceding claims, wherein lines such as wire
- 25 lines or conducting contacts are produced using structured conductive layers, electrodes such as source and drain electrodes and/or conductive adhesives.
7. The circuit board or substrate as claimed in one of the preceding claims, in which an inexpensive
- 30 visualization element and/or a display is integrated.
8. The circuit board or substrate as claimed in claim 7, wherein the display comprises electrochromic material, liquid crystalline elements and/or organic light-emitting diodes.
- 35 9. The circuit board or substrate as claimed in claim 7 or 8, having an associated integrated driver circuit.

10. The circuit board or substrate as claimed in one of claims 7 to 9, wherein the driver electronics comprise at least one organic field-effect transistor.

11. Use of a circuit board as claimed in one of
5 claims 1 to 10 for an electronic device such as a sensor label, an advertising ticket, a price marker, a game, a check card and/or an RFID tag.

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ART 34 AMDT**